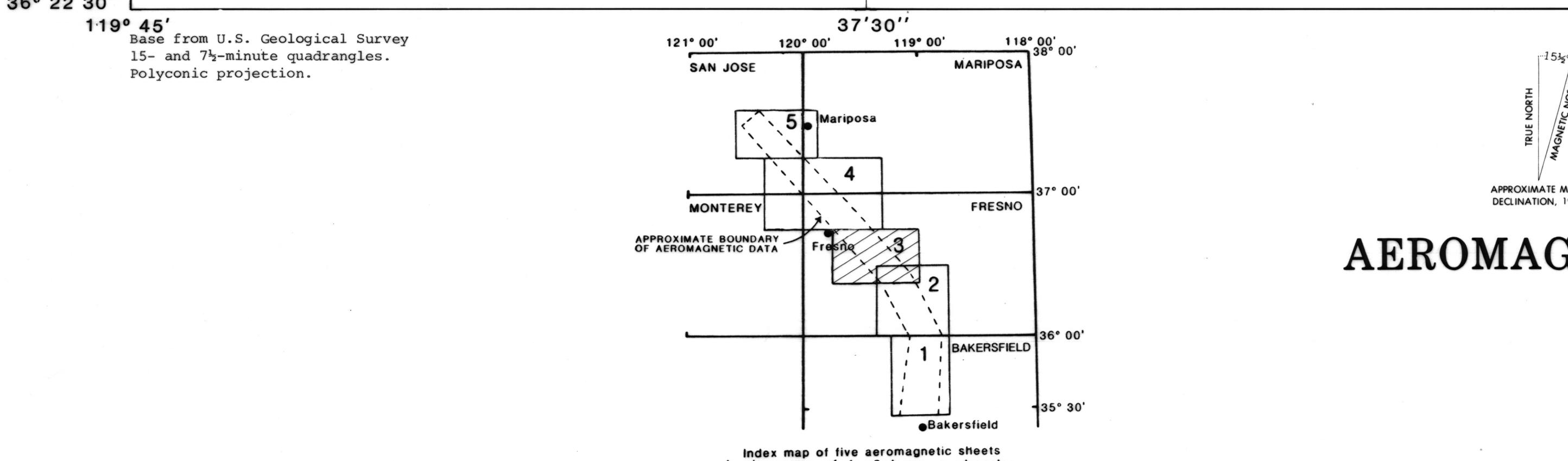


119° 45'
36° 45'
Base from U.S. Geological Survey
15' and 7½-minute quadrangles.
Polyconic projection.



AEROMAGNETIC ANOMALY CONTOUR INTERVALS 20 AND 100 GAMMAS

AEROMAGNETIC MAP OF THE SOUTHERN AND CENTRAL SIERRA NEVADA FOOTHILLS AND ADJACENT SAN JOAQUIN VALLEY, CALIFORNIA

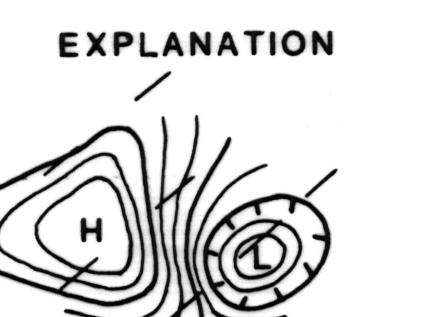
By
U.S. Geological Survey
1983

SCALE 1:82500

TRUE NORTH
MAGNETIC NORTH

APPROXIMATE MEAN
DECLINATION, 1960

1 2 3 4 5 MILES
1 2 3 4 5 KILOMETERS



MAGNETIC CONTOURS

Show residual total intensity magnetic field of the Earth
(in gammas) at a flight altitude of approximately 300 m
above ground level. Contour interval is 20 and 100 gammas.
Plunge lines are approximately NNE-E or east-west and
about 0.8 km apart. Magnetic Highs are marked by an "H"
and maximum values are sometimes shown. Lows are marked
by an "L", minimum values are sometimes shown, and the
closure contour (no value) contours are hatched. A regional
IGRF 1975 of about 5 gammas/km north and 2 gammas/km east
was removed by Geodata International, Inc.

Aeromagnetic intensity data flow by
Geodata International, Inc., in 1981
and compiled by the U.S. Geological
Survey, 1982.

This map is preliminary and has not been
reviewed for conformance with U.S. Geological
Survey editorial standards.